

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101819\  
 Data File : VV013206.D  
 Acq On : 18 Oct 2019 16:47  
 Operator : SY/MD  
 Sample : K5321-05  
 Misc : 25.00ML/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AB3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR101819WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.315       | 63            | 70          | 87           | rVB      | 372914         | 388134        | 12.00%          | 1.718%        |
| 2         | 1.582       | 146           | 153         | 169          | rVB      | 299556         | 345002        | 10.67%          | 1.527%        |
| 3         | 2.129       | 313           | 323         | 339          | rVB      | 581580         | 843940        | 26.09%          | 3.735%        |
| 4         | 3.981       | 883           | 899         | 945          | rBV2     | 145938         | 829362        | 25.64%          | 3.670%        |
| 5         | 4.399       | 1009          | 1029        | 1056         | rBV      | 438542         | 1055302       | 32.63%          | 4.670%        |
| 6         | 5.093       | 1228          | 1245        | 1272         | rBV2     | 1054945        | 2490423       | 77.00%          | 11.021%       |
| 7         | 5.662       | 1407          | 1422        | 1440         | rBV      | 572098         | 1137851       | 35.18%          | 5.036%        |
| 8         | 6.116       | 1547          | 1563        | 1584         | rBV      | 571873         | 1174879       | 36.33%          | 5.199%        |
| 9         | 7.026       | 1832          | 1846        | 1864         | rBV      | 273653         | 508572        | 15.73%          | 2.251%        |
| 10        | 7.357       | 1934          | 1949        | 1968         | rBV      | 1163978        | 2043923       | 63.20%          | 9.045%        |
| 11        | 7.662       | 2030          | 2044        | 2064         | rBV      | 168801         | 295539        | 9.14%           | 1.308%        |
| 12        | 7.984       | 2131          | 2144        | 2147         | rBV3     | 20170          | 38757         | 1.20%           | 0.172%        |
| 13        | 8.016       | 2147          | 2154        | 2170         | rVB2     | 57513          | 98806         | 3.06%           | 0.437%        |
| 14        | 8.138       | 2179          | 2192        | 2227         | rBV2     | 1061292        | 2315807       | 71.60%          | 10.249%       |
| 15        | 8.894       | 2414          | 2427        | 2444         | rBV      | 921664         | 1514037       | 46.81%          | 6.700%        |
| 16        | 10.257      | 2839          | 2851        | 2876         | rVB      | 413283         | 669091        | 20.69%          | 2.961%        |
| 17        | 10.418      | 2890          | 2901        | 2911         | rBV      | 32512          | 53733         | 1.66%           | 0.238%        |
| 18        | 10.550      | 2931          | 2942        | 2959         | rBV3     | 32558          | 66593         | 2.06%           | 0.295%        |
| 19        | 11.289      | 3160          | 3172        | 3190         | rBV      | 981134         | 1537386       | 47.54%          | 6.804%        |
| 20        | 11.569      | 3247          | 3259        | 3279         | rBV      | 1908069        | 3234144       | 100.00%         | 14.313%       |
| 21        | 11.665      | 3279          | 3289        | 3313         | rVB      | 1186633        | 1954888       | 60.45%          | 8.651%        |

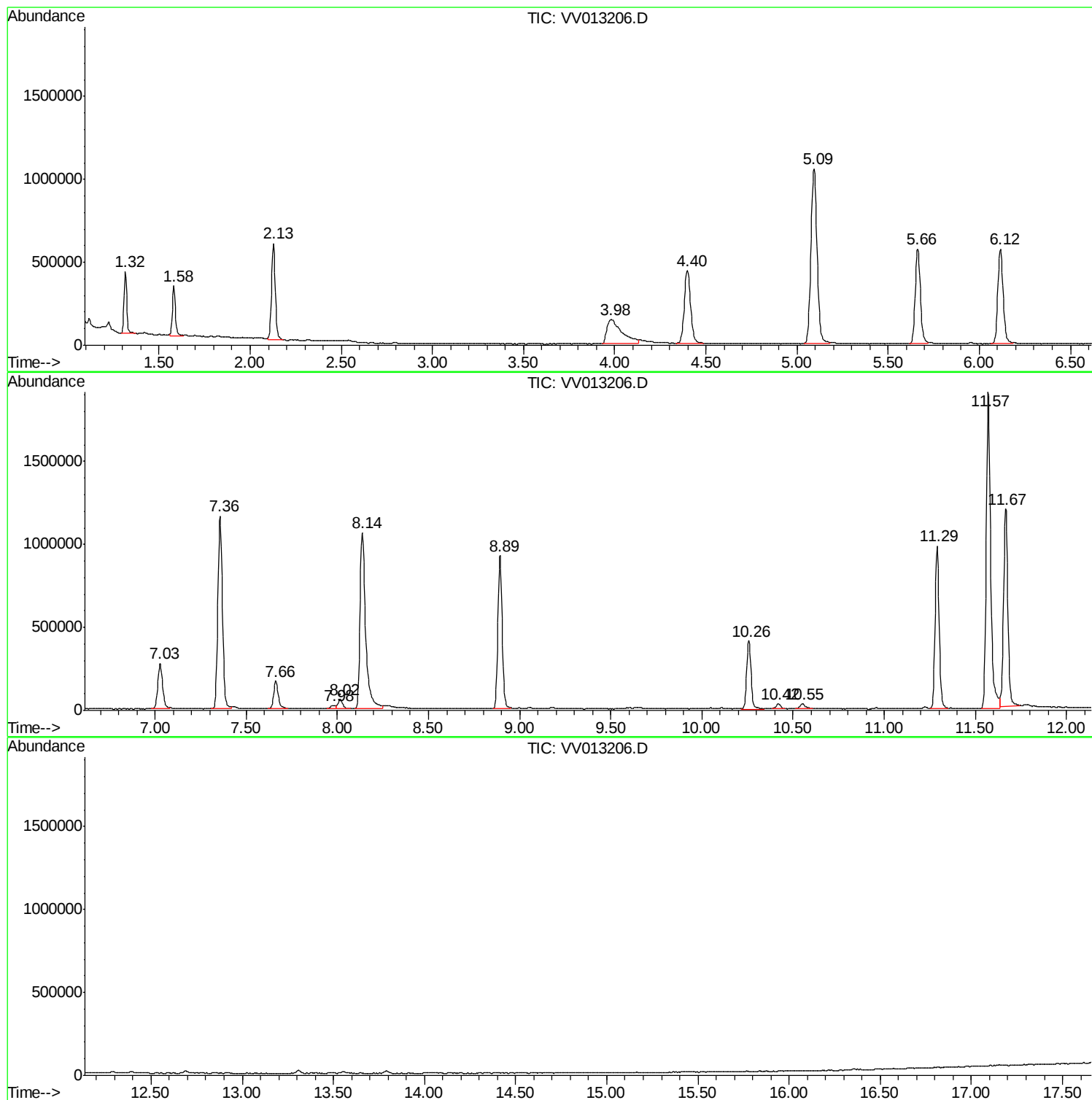
Sum of corrected areas: 22596169

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ClientSampleId :  
E0AB3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR101819WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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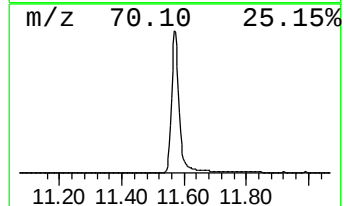
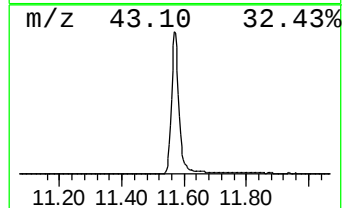
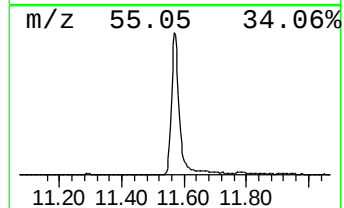
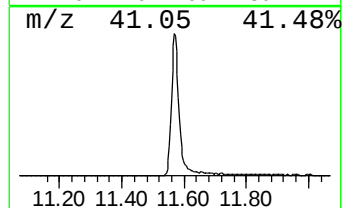
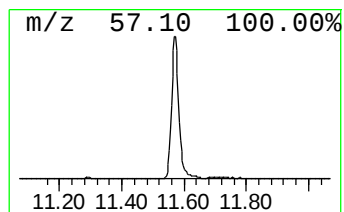
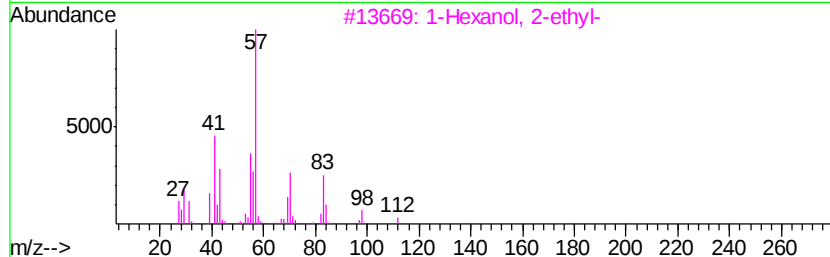
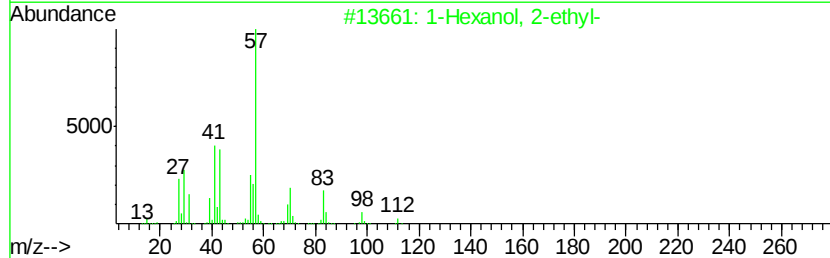
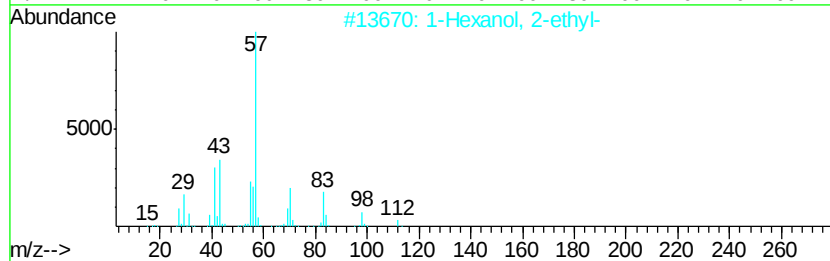
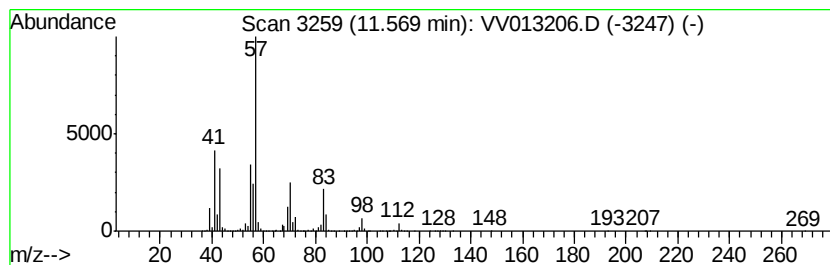
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 11.57 | 10.52 ug/L | 3234140 | 1,4-Dichlorobenzene-d4 | 11.29 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 83   |
| 3    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 78   |
| 4    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 78   |
| 5    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 56   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                     |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Hexanol, 2-ethyl- | 11.57 | 10.5    | ug/L  | 3234140  | 3                     | 11.29 | 1537390 | 5.0  |